BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name Of Work :- Detailed Estimate for Correction and realignment of street light Switch boxes/Meter boxes in the street light poles in Yelahanka

Budget Head .....

Division No..... Estimate No. ..... For Rs.= **400000.00**

Sl. No.	Description of Work	Qty.	Rate Rs. Ps.	Unit	Amount
1	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A. 2 X 16 + 1 X 25 SQ.MM KPWD ELE SR 2014-15	500	92.00	Per Mtr	46000.00
2	Supplying and stringing of ACSR Conductor (6/2.59mm Al +1/2.59mm Steel).34/5.11 KPWD ELE SR 2014-15	500	30.00	MTR	15000.00
3	1.1 KV Pin Insulator 34/5.9.1 KPWD ELE SR 2014-15	15	44.00	Nos	660.00
4	No. 8 Strain Insulator 33/5.4.3 KPWD ELE SR 2014-15	5	14.00	Nos	70.00
5	Providing servicess of Electrician With tools , Rs.14021.27/Month/person, Rs.14021.27÷26Days=539.27/Day/Person, Including E.S.I & PF, As per Go No KE/31/LMW/2017 Dated 28/4/2017 for maintenance of Fountain KE/31/LMW/2017 Dated 28/4/2017	40	539.27	ManDays	21570.80
6	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. KPWD ELE SR Page-24/5.7.3 63Amps	18	227.00	Each	4086.00
7	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps 25kA.26/5.14.1	10	4530.00	Each	45300.00
8	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm40/6.4.4	200	150.00	Mtrs	30000.00
9	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm41/6.5.1	200	30.00	Mtrs	6000.00
10	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16SWG KPWD ELE SR Page-30/5.42.2	20000	0.35	sq.cms	7000.00
11	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cable in open or consealed system of wiring.I Group A Materials.6 sqmm 6/2.3.3	300	70.00	Mtrs	21000.00

12	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility 300mmx450mmx214mm KPWD ELE SR Page-31/5.44.2	22	5127.00	Each	112794.00
13	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm KPWD ELE SR Page-31/5.41.1	221	255.00	mtr	56355.00
14	**GST 12% on item 6 to 13**				33904.20
15	Misleniuos				**260.00**
	Total Rs				**400000.00**

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on AR/2019-20 / , BESCOM SR approved rates

Asst. Engineer (Elec)

Asst. Exe.Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
YELAHANKA DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Sanction for Rs. 400000=00
RUPEES FOUR LAKHS ONLY
is accordi... under P0298 M AND R TO ELECTRICAL INSTALLATION IN DARKS AND GARDENS PLAY
Registered as EE... 37/2019-20 ... Subject to conditions contained in ... No. BBMP/EE(E)/42/AS/37/19-20
Dt 18-12-2019

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 400000=00
Rupees FOUR LAKHS ONLY
Under P0298 M AND RTO ELECTRICAL INSTALLATION IN PARKS
Registered as ... 24/2019-20 ... Subject ... enclosed ... BBMP/EE(E)/42/AS/37/19-20
Dt. 18-12-2019
... Sanctioned BBMP/EE(E)/42/TS/24/2019-20
Dated 18-12-2019 for 400000=00

Executive Engineer